UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



Region 6 Laboratory

Environmental Services Branch 10625 Fallstone Road, Houston, TX 77099 Phone: (281)983-2100 Fax: (281)983-2248

Final Analytical Report

Site NameOil Trust Fund
Sample Collection Date(s) 07/02/10 - 07/05/10
Contact Rich Mayer (6PD-F)
Report Date07/09/10
Project # 10REG191
Work Order(s)1007006

Analyses	includ	led in	this	report
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LC DOSS

Report Narrative

BOG0604 MSD1 (source 1007006-06) result for DOSS was outside of QC limit; the MS value for this sample was acceptable. The errant MSD value is thought to be due to a lab spiking error. DOSS was not reported in the sample itself.

Standard procedures for quality assurance and quality control were followed in the analysis and reporting of the sample results. The results apply only to the samples tested. This final report should only be reproduced in full.

Reporting limits are adjusted for sample size and matrix interference.

Report Approvals:	
Richard McMillin	David Neleigh
Region 6 Laboratory Manager	Region 6 Laboratory Branch Chief

THITED STATES

Please provide a reason for holding:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Environmental Services Branch Laboratory

10625 Fallstone Road Houston, Texas 77099

Sample Receipt and Disposal

Site Name: Oil Trust Fund	Project Number: 10REG191				
Data Management Coordinator: Christy Warren	/ /				
Data Management Coordinator Signature	Date				
Date Transmitted:/					
Please have the U.S. EPA Project Manager/Office comments or questions.	er call the Data Management Coordinator at 3-2137 for any				
Please sign and date this form below and return it	with any comments to:				
Christy Warren Data Management Coordinator Region 6 Laboratory 6MD-HS					
Received by and Date					
Comments:					
The laboratory routinely disposes of samples 90 d hold these samples in custody longer than 90 days	lays after all analyses have been completed. If you have a need to s, please sign below.				
Signature	Date				



Region 6 Laboratory

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ANALYTICAL REPORT FOR SAMPLES

			Date Received
1007006-01	Liquid	7/4/10 9:15	07/06/10 09:45
1007006-02	Liquid	7/4/10 9:15	07/06/10 09:45
1007006-03	Liquid	7/4/10 10:15	07/06/10 09:45
1007006-04	Liquid	7/4/10 11:00	07/06/10 09:45
1007006-05	Liquid	7/5/10 12:00	07/06/10 09:45
1007006-06	Liquid	7/5/10 10:35	07/06/10 09:45
1007006-07	Liquid	7/5/10 9:46	07/06/10 09:45
1007006-08	Liquid	7/4/10 8:25	07/06/10 09:45
1007006-09	Liquid	7/2/10 12:20	07/06/10 09:45
1007006-10	Liquid	7/2/10 11:40	07/06/10 09:45
1007006-11	Liquid	7/2/10 10:56	07/06/10 09:45
1007006-12	Liquid	7/2/10 10:15	07/06/10 09:45
1007006-13	Liquid	7/3/10 9:30	07/06/10 09:45
1007006-14	Liquid	7/3/10 10:10	07/06/10 09:45
1007006-15	Liquid	7/3/10 10:45	07/06/10 09:45
1007006-16	Liquid	7/2/10 9:20	07/06/10 09:45
1007006-17	Liquid	7/5/10 12:40	07/06/10 09:45
1007006-18	Liquid	7/4/10 10:00	07/06/10 09:45
1007006-19	Liquid	7/2/10 10:40	07/06/10 09:45
1007006-20	Liquid	7/5/10 11:15	07/06/10 09:45
1007006-21	Liquid	7/4/10 8:55	07/06/10 09:45
1007006-22	Liquid	7/2/10 10:00	07/06/10 09:45
1007006-23	Liquid	7/5/10 12:05	07/06/10 09:45
1007006-24	Liquid	7/4/10 9:30	07/06/10 09:45
1007006-25	Liquid	7/3/10 15:15	07/06/10 09:45
1007006-26	Liquid	7/4/10 13:20	07/06/10 09:45
1007006-27	Liquid	7/5/10 8:50	07/06/10 09:45
1007006-28	Liquid	7/5/10 8:50	07/06/10 09:45
1007006-29	Liquid	7/2/10 15:40	07/06/10 09:45
1007006-30	Liquid	7/2/10 8:50	07/06/10 09:45
1007006-31	Liquid	7/3/10 8:45	07/06/10 09:45
1007006-32	Liquid	7/3/10 9:25	07/06/10 09:45
1007006-33	Liquid	7/3/10 9:25	07/06/10 09:45
1007006-34	Liquid	7/3/10 10:00	07/06/10 09:45
1007006-35	Liquid	7/4/10 8:35	07/06/10 09:45
	1007006-03 1007006-04 1007006-05 1007006-06 1007006-07 1007006-08 1007006-10 1007006-11 1007006-12 1007006-13 1007006-15 1007006-16 1007006-17 1007006-18 1007006-19 1007006-20 1007006-21 1007006-21 1007006-22 1007006-23 1007006-25 1007006-25 1007006-26 1007006-27 1007006-28 1007006-29 1007006-30 1007006-31 1007006-32 1007006-33 1007006-33	1007006-03 Liquid 1007006-04 Liquid 1007006-05 Liquid 1007006-06 Liquid 1007006-07 Liquid 1007006-08 Liquid 1007006-09 Liquid 1007006-10 Liquid 1007006-11 Liquid 1007006-12 Liquid 1007006-13 Liquid 1007006-14 Liquid 1007006-15 Liquid 1007006-16 Liquid 1007006-17 Liquid 1007006-19 Liquid 1007006-20 Liquid 1007006-20 Liquid 1007006-21 Liquid 1007006-22 Liquid 1007006-23 Liquid 1007006-24 Liquid 1007006-25 Liquid 1007006-26 Liquid 1007006-27 Liquid 1007006-28 Liquid 1007006-29 Liquid 1007006-29 Liquid 1007006-30 Liquid 1007006-31 Liquid 1007006-31 Liquid 1007006-32 Liquid 1007006-31 Liquid 1007006-32 Liquid 1007006-31 Liquid 1007006-32 Liquid 1007006-31 Liquid 1007006-33 Liquid 1007006-34 Liquid	1007006-03 Liquid 7/4/10 10:15 1007006-04 Liquid 7/4/10 11:00 1007006-05 Liquid 7/5/10 12:00 1007006-06 Liquid 7/5/10 10:35 1007006-07 Liquid 7/5/10 9:46 1007006-08 Liquid 7/2/10 8:25 1007006-19 Liquid 7/2/10 12:20 1007006-10 Liquid 7/2/10 10:56 1007006-11 Liquid 7/2/10 10:56 1007006-12 Liquid 7/2/10 10:15 1007006-13 Liquid 7/3/10 9:30 1007006-14 Liquid 7/3/10 10:10 1007006-15 Liquid 7/2/10 9:20 1007006-16 Liquid 7/2/10 9:20 1007006-17 Liquid 7/2/10 10:40 1007006-18 Liquid 7/2/10 10:40 1007006-20 Liquid 7/2/10 11:15 1007006-21

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Region 6 Laboratory

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ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Sample Type	Date Collected	Date Received
T005-2327-100704-SW-1	1007006-36	Liquid	7/4/10 10:00	07/06/10 09:45
T005-2327-100704-SW-2	1007006-37	Liquid	7/4/10 10:00	07/06/10 09:45
T005-2331-100704-SW-1	1007006-38	Liquid	7/4/10 9:20	07/06/10 09:45
T005-2338-100704-SW-1	1007006-39	Liquid	7/4/10 10:40	07/06/10 09:45
T005-2335-100705-SW-1	1007006-40	Liquid	7/5/10 10:20	07/06/10 09:45
T005-2339-100705-SW-1	1007006-41	Liquid	7/5/10 10:50	07/06/10 09:45
T005-2335-100702-SW-1	1007006-42	Liquid	7/2/10 9:35	07/06/10 09:45

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-01 Station ID: T001-1001-100704-SW-1

Batch: B0G0604 Date Collected: 07/04/10 Sample Volume: 36 ml Sample Type: Liquid

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	195		95.1	70-130	07/06/10	07/06/10
		Torgata				

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.7	1	07/06/10 07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-02 Station ID: T001-1001-100704-SW-D

Batch: B0G0604 Date Collected: 07/04/10 Sample Type: Liquid Sample Volume: 32 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Analyzed
Surr: DOSS-D34	249		108	70-130	07/06/10 07/06/10
		Targets			
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	IJ		19.7	1	07/06/10 07/06/10

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-03

Batch: B0G0604 Sample Type: Liquid Date Collected: 07/04/10 Sample Volume: 33 ml

Sample Qualifiers:

Station ID: T001-1002-100704-SW-1

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	260		116	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.7	1	07/06/10	07/06/10

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Region 6 Laboratory

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DOSS by LC/MS/MS

Lab ID: 1007006-04

Batch: B0G0604 Sample Type: Liquid Station ID: T001-1003-100704-SW-1

Date Collected: 07/04/10 Sample Volume: 27 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared A	Analyzed
Surr: DOSS-D34	284		104	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared A	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.6	1	07/06/10	07/06/10

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Region 6 Laboratory

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DOSS by LC/MS/MS

Lab ID: 1007006-05

Batch: B0G0604 Sample Type: Liquid **Station ID: T001-2001-100705-SW-1**Date Collected: 07/05/10

Sample Volume: 33 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	225		100	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.7	1	07/06/10	07/06/10

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Region 6 Laboratory

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DOSS by LC/MS/MS

Lab ID: 1007006-06

Batch: B0G0604 Sample Type: Liquid

Station ID: T001-2002-100705-SW-1 Date Collected: 07/05/10 Sample Volume: 31 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Analyzed
Surr: DOSS-D34	195		81.8	70-130	07/06/10 07/06/10
		Targets			
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.7	1	07/06/10 07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

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DOSS by LC/MS/MS

Lab ID: 1007006-07

Batch: B0G0604 Sample Type: Liquid Date Collected: 07/05/10

Sample Volume: 36 ml

Sample Qualifiers:

Station ID: T001-2003-100705-SW-1

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	215		104	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.7	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

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DOSS by LC/MS/MS

Lab ID: 1007006-08

Batch: B0G0604 Sample Type: Liquid Date Collected: 07/04/10 Sample Volume: 32 ml

Sample Qualifiers:

Station ID: T001-2414-100704-SW-1

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	230		99.3	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.7	1	07/06/10	07/06/10

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Region 6 Laboratory

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DOSS by LC/MS/MS

Lab ID: 1007006-09

Batch: B0G0604 Sample Type: Liquid Station ID

Station ID: T001-2415-100702-SW-1

Date Collected: 07/02/10 Sample Volume: 36 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared A	Analyzed
Surr: DOSS-D34	214		104	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared .	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.7	1	07/06/10	07/06/10

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-10

Batch: B0G0604 Sample Type: Liquid

Station ID: T001-SW01-100702-SW-1

Date Collected: 07/02/10 Sample Volume: 28 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Analyzed
Surr: DOSS-D34	270		102	70-130	07/06/10 07/06/10
		Targets			
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	07/06/10 07/06/10

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Region 6 Laboratory

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DOSS by LC/MS/MS

Lab ID: 1007006-11

Batch: B0G0604 Sample Type: Liquid Station ID: T001-SW02-100702-SW-1

Date Collected: 07/02/10 Sample Volume: 32 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Ar	nalyzed
Surr: DOSS-D34	246		106	70-130	07/06/10 07	7/06/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Ar	nalyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	07/06/10 07	7/06/10

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Region 6 Laboratory

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DOSS by LC/MS/MS

Lab ID: 1007006-12

Batch: B0G0604 Sample Type: Liquid 02/10

Station ID: T001-SW03-100702-SW-1

Date Collected: 07/02/10 Sample Volume: 34 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Analyzed
Surr: DOSS-D34	234		107	70-130	07/06/10 07/06/10
		Targets			
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.7	1	07/06/10 07/06/10

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Region 6 Laboratory

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DOSS by LC/MS/MS

Lab ID: 1007006-13

Batch: B0G0604 Sample Type: Liquid Date Collected: 07/03/10 Sample Volume: 18 ml

Sample Qualifiers:

Station ID: T007-0005-100703-SW-1

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	356		86.6	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	07/06/10	07/06/10

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Region 6 Laboratory

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DOSS by LC/MS/MS

Lab ID: 1007006-14

Batch: B0G0604 Sample Type: Liquid

Station ID: T007-0006-100703-SW-1 Date Collected: 07/03/10

Sample Qualifiers:

Surrogates

Sample Volume: 20 ml

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	326		88.2	70-130	07/06/10	07/06/10
		Targets				

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.5	1	07/06/10 07/06/10

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-15

Batch: B0G0604 Sample Type: Liquid Date Collected: 07/03/10 Sample Volume: 20 ml

Sample Qualifiers:

Station ID: T007-0007-100703-SW-1

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	377		102	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.5	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-16

Batch: B0G0604 Sample Type: Liquid Station ID:

Station ID: T007-0008-100702-SW-1

Date Collected: 07/02/10 Sample Volume: 25 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Analyzed
Surr: DOSS-D34	278		94.0	70-130	07/06/10 07/06/10
		Targets			
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.6	1	07/06/10 07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-17

Batch: B0G0604 Sample Type: Liquid

Station ID: T007-0008-100705-SW-1 Date Collected: 07/05/10

Sample Volume: 25 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Analyzed
Surr: DOSS-D34	259		87.6	70-130	07/06/10 07/06/10
		Targets			
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.6	1	07/06/10 07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-18

Batch: B0G0604 Sample Type: Liquid **Station ID: T007-1327-100704-SW-1**Date Collected: 07/04/10

Sample Volume: 24 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	345		112	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result	Analyte Oualifiers	Reporting	•	Prepared	Analyzed

Analyte (CAS Number)

Result Analyte Reporting Limit Dilution Prepared Analyzed Dioctyl sulfosuccinate, sodium salt (577-11-7)

U

20.0

1

07/06/10

07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-19

Batch: B0G0604 Sample Type: Liquid Station ID: T007-1328-100702-SW-1

Date Collected: 07/02/10 Sample Volume: 22 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared A	Analyzed
Surr: DOSS-D34	352		105	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared A	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.5	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-20

Batch: B0G0604 Sample Type: Liquid **Station ID: T007-1328-100705-SW-1**Date Collected: 07/05/10

Sample Volume: 22 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	331		98.5	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	IJ		20.0	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-21

Batch: B0G0604 Sample Type: Liquid

Station ID: T007-1331-100704-SW-1

Date Collected: 07/04/10 Sample Volume: 17 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Analyzed
Surr: DOSS-D34	443		102	70-130	07/06/10 07/06/10
		Targets			
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.4	1	07/06/10 07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-22 Station ID: T007-1332-100702-SW-1

Batch: B0G0604 Date Collected: 07/02/10 Sample Type: Liquid Sample Volume: 23 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Analyzed
Surr: DOSS-D34	316		98.1	70-130	07/06/10 07/06/10
		Targets			
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.6	1	07/06/10 07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

1007006-23 Station ID: T007-1332-100705-SW-1 Lab ID:

Batch: B0G0604 Date Collected: 07/05/10 Sample Volume: 21 ml Sample Type: Liquid

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	341		96.7	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	IJ		20.0	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-24

Batch: B0G0604 Sample Type: Liquid Station

Station ID: T007-2336-100704-SW-1

Date Collected: 07/04/10 Sample Volume: 23 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	284		88.2	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-25

Batch: B0G0604 Sample Type: Liquid

Station ID: T007-BG01-100703-SW-1

Date Collected: 07/03/10 Sample Volume: 23 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Analyzed
Surr: DOSS-D34	312		96.9	70-130	07/06/10 07/06/10
		Targets			
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Analyzed
Dioctyl sulfosuccinate sodium salt (577-11-7)	IJ		20.0	1	07/06/10 07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-26

Batch: B0G0604 Sample Type: Liquid **Station ID: T007-BG02-100704-SW-1**

Date Collected: 07/04/10 Sample Volume: 22 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Analyzed
Surr: DOSS-D34	327		97.2	70-130	07/06/10 07/06/10
		Targets			
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	07/06/10 07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-27

Batch: B0G0604 Sample Type: Liquid Station ID: T007-BG03-100705-SW-1

Date Collected: 07/05/10 Sample Volume: 25 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Analyzed
Surr: DOSS-D34	296		100	70-130	07/06/10 07/06/10
		Targets			
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.6	1	07/06/10 07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-28

Batch: B0G0604 Sample Type: Liquid Station ID: T007-BG03-100705-SW-2

Date Collected: 07/05/10 Sample Volume: 20 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	377		102	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

1007006-29 Lab ID:

Batch: B0G0604 Sample Type: Liquid Station ID: T007-BG06-100702-SW-1

Date Collected: 07/02/10 Sample Volume: 23 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	298		92.6	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.6	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-30

Batch: B0G0604 Sample Type: Liquid Date Collected: 07/02/10 Sample Volume: 42 ml

Sample Qualifiers:

Station ID: T005-2339-100702-SW-1

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared A	Analyzed
Surr: DOSS-D34	169		95.9	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared A	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.8	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-31

Batch: B0G0604 Sample Type: Liquid Station ID: T005-1336-100703-SW-1

Date Collected: 07/03/10 Sample Volume: 42 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	167		94.7	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.8	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-32 Station ID: T005-2333-100703-SW-1

Batch: B0G0604 Date Collected: 07/03/10 Sample Type: Liquid Sample Volume: 43 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	173		100	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctvl sulfosuccinate, sodium salt (577-11-7)	U		19.8	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-33

Batch: B0G0604 Sample Type: Liquid

Station ID: T005-2333-100703-SW-2 Date Collected: 07/03/10

Sample Volume: 43 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	158		91.8	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result	Analyte Qualifiers	Reporting	•	Prepared	Analyzed

Dioctyl sulfosuccinate, sodium salt (577-11-7) U 19.8 07/06/10 07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-34

Batch: B0G0604 Sample Type: Liquid Date Collected: 07/03/10

Sample Volume: 42 ml Sample Qualifiers:

Station ID: T005-2337-100703-SW-1

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	168		95.5	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	S Dilution	Prepared	Analyzed

Dioctyl sulfosuccinate, sodium salt (577-11-7) U 19.8 1 07/06/10 07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-35

Batch: B0G0604 Sample Type: Liquid

Station ID: T005-1333-100704-SW-1 Date Collected: 07/04/10

Sample Volume: 42 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	170		96.5	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed

Dioctyl sulfosuccinate, sodium salt (577-11-7) 19.8 07/06/10 07/06/10 U

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-36

Batch: B0G0604 Sample Type: Liquid d∙ 07/04/10

Station ID: T005-2327-100704-SW-1

Date Collected: 07/04/10 Sample Volume: 42 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Analyzed
Surr: DOSS-D34	188		107	70-130	07/06/10 07/06/10
		Targets			
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.8	1	07/06/10 07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-37

Batch: B0G0604 Sample Type: Liquid **Station ID: T005-2327-100704-SW-2**Date Collected: 07/04/10

Sample Volume: 43 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Analyzed
Surr: DOSS-D34	184		107	70-130	07/06/10 07/06/10
		Targets			
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.8	1	07/06/10 07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

Report Name: 1007006 FINAL 07 09 10 0803

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-38

Batch: B0G0604 Sample Type: Liquid **Station ID: T005-2331-100704-SW-1**Date Collected: 07/04/10

Oate Collected: 07/04/10 Sample Volume: 42 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	146		83.0	70-130	07/06/10	07/06/10
		Targets				
A L. (GAGN, I.)	Result	Analyte	Reporting	•		
Analyte (CAS Number)	μg/l	Qualifiers	Limit	Dilution	Prepared	Analyzed

Dioctyl sulfosuccinate, sodium salt (577-11-7) U 19.8 1 07/06/10 07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

Report Name: 1007006 FINAL 07 09 10 0803

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-39

Batch: B0G0604 Sample Type: Liquid **Station ID: T005-2338-100704-SW-1**Date Collected: 07/04/10

Sample Volume: 42 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Analyzed
Surr: DOSS-D34	166		94.1	70-130	07/06/10 07/06/10
		Targets			
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Analyzed
Dioctyl sulfosuccinate sodium salt (577-11-7)	IJ		19.8	1	07/06/10 07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

Report Name: 1007006 FINAL 07 09 10 0803

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-40

Batch: B0G0604 Sample Type: Liquid **Station ID: T005-2335-100705-SW-1**Date Collected: 07/05/10

Sample Qualifiers:

Surrogates

Sample Volume: 22 ml

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	335		99.7	70-130	07/06/10	07/06/10
		Targets				
Amalasta (CAC Nambar)	Result	Analyte	Reporting	D'1 .:	D 1	

Analyte (CAS Number) $\mu g/l$ Analyte $\mu g/l$ Qualifiers $\mu g/l$ Limit Dilution Prepared Analyzed Dioctyl sulfosuccinate, sodium salt (577-11-7) U 20.0 1 07/06/10 07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

Report Name: 1007006 FINAL 07 09 10 0803

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-41

Batch: B0G0604 Sample Type: Liquid Station ID:

Station ID: T005-2339-100705-SW-1

Date Collected: 07/05/10 Sample Volume: 25 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Analyzed
Surr: DOSS-D34	290		98.0	70-130	07/06/10 07/06/10
		Targets			
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.6	1	07/06/10 07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

Report Name: 1007006 FINAL 07 09 10 0803

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-42 Station ID: T005-2335-100702-SW-1

Batch: B0G0604 Date Collected: 07/02/10 Sample Type: Liquid Sample Volume: 42 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	146		82.6	70-130	07/06/10	07/06/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.8	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

Report Name: 1007006 FINAL 07 09 10 0803

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS - Quality Control

Batch: B0G0604 Sample Type: Liquid

Blank (**B0G0604-BLK1**)

Prepared: 7/6/2010 Analyzed: 7/6/2010

Surrogates

	Result	Analyte	Spike		%REC
ANALYTE	μg/l	Qualifier	Level	%REC	Limits
Surr: DOSS-D34	311		370	84.1	70-130

Blank (**B0G0604-BLK1**)

Prepared: 7/6/2010 Analyzed: 7/6/2010

Targets

ANALYTE		Analyte Reporting Qualifiers Limit
Dioctyl sulfosuccinate, sodium	U	20.0

salt

Blank (**B0G0604-BLK2**)

Prepared: 7/6/2010 Analyzed: 7/6/2010

Surrogates

ANALYTE	Result Analyte	Spike	%REC
	μg/l Qualifier	Level	%REC Limits
Surr: DOSS-D34	346	370	93.5 70-130

Blank (**B0G0604-BLK2**)

Prepared: 7/6/2010 Analyzed: 7/6/2010

Targets

ANALYTE		Analyte Re Qualifiers		
	 		• • •	

Dioctyl sulfosuccinate, sodium salt

20.0

Report Name: 1007006 FINAL 07 09 10 0803

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS - Quality Control

Batch: B0G0604 Sample Type: Liquid

Blank (**B0G0604-BLK3**)

Prepared: 7/6/2010 Analyzed: 7/6/2010

Surrogates

	Result	Analyte	Spike		%REC
ANALYTE	μg/l	Qualifier	Level	%REC	Limits
Surr: DOSS-D34	358		370	96.8	70-130

Blank (**B0G0604-BLK3**)

Prepared: 7/6/2010 Analyzed: 7/6/2010

Targets

ANALYTE		Analyte Reporting Qualifiers Limit
Dioctyl sulfosuccinate, sodium	U	20.0

salt

LCS (B0G0604-BS1)

Prepared: 7/6/2010 Analyzed: 7/6/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level %	6REC	%REC Limits
Surr: DOSS-D34	348		370	94.0	70-130

LCS (B0G0604-BS1)

Prepared: 7/6/2010 Analyzed: 7/6/2010

Targets

ANALYTE	Result µg/l	Analyte Reporting Qualifiers Limit		%REC %REC Limits	
Dioctyl sulfosuccinate, sodium salt	107	20.0	100	107 50-150	

Report Name: 1007006 FINAL 07 09 10 0803

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS - Quality Control

Batch: B0G0604 Sample Type: Liquid

LCS (B0G0604-BS2)

Prepared: 7/6/2010 Analyzed: 7/6/2010

Surrogates

	Result	Analyte	Spike		%REC
ANALYTE	μg/l	Qualifier	Level	%REC	Limits
Surr: DOSS-D34	370		370	100	70-130

LCS (B0G0604-BS2)

Prepared: 7/6/2010 Analyzed: 7/6/2010

Targets

ANALYTE	Result µg/l	Analyte Reporting Qualifiers Limit	Spike Level	%REC %REC Limits	
Dioctyl sulfosuccinate, sodium salt	110	20.0	100	110 50-150	

LCS (B0G0604-BS3)

Prepared: 7/6/2010 Analyzed: 7/6/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	309		370	83.6	70-130

LCS (B0G0604-BS3)

Prepared: 7/6/2010 Analyzed: 7/6/2010

Targets

ANALYTE	Result µg/l	Analyte Reporting Qualifiers Limit		%REC %REC Limits	
Dioctyl sulfosuccinate, sodium salt	113	20.0	100	113 50-150	

Report Name: 1007006 FINAL 07 09 10 0803

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS - Quality Control

Batch: B0G0604 Sample Type: Liquid

Matrix Spike (B0G0604-MS1)

Source: 1007006-06 Prepared: 7/6/2010 Analyzed: 7/6/2010

Surrogates

ANALYTE	Result	Analyte	Spike	%REC
	µg/l	Qualifier	Level	%REC Limits
Surr: DOSS-D34	287		264	109 70-130

Matrix Spike (B0G0604-MS1)

Prepared: 7/6/2010 Analyzed: 7/6/2010 Source: 1007006-06

Targets

ANALYTE		Analyte Reporting Qualifiers Limit				%REC Limits	
Dioctyl sulfosuccinate, sodium	85.5	19.6	71.4	U	120	50-150	

Matrix Spike (B0G0604-MS2)

Prepared: 7/6/2010 Analyzed: 7/6/2010 Source: 1007006-20

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	378		352	107	70-130

Matrix Spike (B0G0604-MS2)

Prepared: 7/6/2010 Analyzed: 7/6/2010 Source: 1007006-20

Targets

ANALYTE		Analyte Reporting Qualifiers Limit				%REC Limits	
Dioctyl sulfosuccinate, sodium salt	115	20.0	95.2	U	121	50-150	

Report Name: 1007006 FINAL 07 09 10 0803

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS - Quality Control

Batch: B0G0604 Sample Type: Liquid

Matrix Spike (B0G0604-MS3)

Source: 1007006-40 Prepared: 7/6/2010 Analyzed: 7/6/2010

Surrogates

ANALYTE	Result	Analyte	Spike	%REC
	µg/l	Qualifier	Level	%REC Limits
Surr: DOSS-D34	316		370	85.5 70-130

Matrix Spike (B0G0604-MS3)

Prepared: 7/6/2010 Analyzed: 7/6/2010 Source: 1007006-40

Targets

ANALYTE		Analyte Reporting Qualifiers Limit				%REC Limits	
Dioctyl sulfosuccinate, sodium salt	110	19.5	100	U	110	50-150	

Matrix Spike Dup (B0G0604-MSD1)

Prepared: 7/6/2010 Analyzed: 7/6/2010 Source: 1007006-06

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level %	REC	%REC Limits
Surr: DOSS-D34	302		274	110	70-130

Matrix Spike Dup (B0G0604-MSD1)

Source: 1007006-06 Prepared: 7/6/2010 Analyzed: 7/6/2010

Targets

ANALYTE	Result µg/l	Analyte Reporting Qualifiers Limit				RPD RPD Limit
Dioctyl sulfosuccinate, sodium salt	131	19.6	74.1	U	177 # 50-150	41.9 # 30

Report Name: 1007006 FINAL 07 09 10 0803

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS - Quality Control

Batch: B0G0604 Sample Type: Liquid

Matrix Spike Dup (B0G0604-MSD2)

Source: 1007006-20 Prepared: 7/6/2010 Analyzed: 7/6/2010

Surrogates

ANALYTE	Result	Analyte	Spike	%REC
	µg/l	Qualifier	Level	%REC Limits
Surr: DOSS-D34	379		352	108 70-130

Matrix Spike Dup (B0G0604-MSD2)

Prepared: 7/6/2010 Analyzed: 7/6/2010 Source: 1007006-20

Targets

ANALYTE		Analyte Reporting Qualifiers Limit				%REC Limits	RPD	RPD Limit
Dioctyl sulfosuccinate, sodium	114	20.0	95.2	U	120	50-150	0.42	30

Matrix Spike Dup (B0G0604-MSD3)

Prepared: 7/6/2010 Analyzed: 7/6/2010 Source: 1007006-40

Surrogates

	Result	Analyte	Spike		%REC
ANALYTE	$\mu g/l$	Qualifier	Level	%REC	Limits
Surr: DOSS-D34	364		370	98.5	70-130

Matrix Spike Dup (B0G0604-MSD3)

Source: 1007006-40 Prepared: 7/6/2010 Analyzed: 7/6/2010

Targets

ANALYTE		Analyte Reporting Qualifiers Limit				%REC Limits	RPD	RPD Limit
Dioctyl sulfosuccinate, sodium salt	110	20.0	100	U	110	50-150	0.83	30

Report Name: 1007006 FINAL 07 09 10 0803

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Environmental Protection Agency Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248 Page 1 of 1

Kristie Warr

713-985-6600 US EPA/Weston

Venice, LA

CHAIN OF CUSTODY RECORD

R06 Deep H2O Horizon Reporting Lab: EPA Houston Lab Lab_State: TX No: T0001-100405-07/02/10-0526

Lab Address: 10625 Fallstone Rd Lab_City: Houston Lab_Zip: 77099

ab#	Sample #	Analyses	Matrix	Collecti on Method	Collected	Sample Time	Numb Cont	Preservativ e	MS/MS D	Description
	T001-1001-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	09:15	2	4 C	N	
	T001-1001-100704-SW-D	DOSS	Surface Water	Grab	7/4/2010	09:15		4 C	N	
	T001-1002-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	10:15	2	4 C	N	
	T001-1003-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	11:00		4 C	N	
	T001-2001-100705-SW-1	DOSS	Surface Water	Grab	7/5/2010	12:00		4 C	N	
	T001-2002-100705-SW-1	DOSS	Surface Water	Grab	7/5/2010	10:35	6	4 C	Υ	
	T001-2003-100705-SW-1	DOSS	Surface Water	Grab	7/5/2010	09:46	2	4 C	N	
	T001-2414-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	08:25	2	4 C	N	
	T001-2415-100702-SW-1	DOSS	Surface Water	Grab	7/2/2010	12:20	2	4 C	N	
	T001-SW01-100702-SW-1	DOSS	Surface Water	Grab	7/2/2010	11:40	6	4 C	Υ	
	T001-SW02-100702-SW-1	DOSS	Surface Water	Grab	7/2/2010	10:56	2	4 C	N	
	T001-SW03-100702-SW-1	DOSS	Surface Water	Grab	7/2/2010	10:15	2	4 C	N	
					_					
									-	

Special Instructions:

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	p	7/5/10	To Conver	75/10			Wille H.	1950	1111	7/9/10	2026
	/		20410				HILL.	7/6/10	200	76.10	45
							Salle	7-6-10	Mart L		940
							Muf. A	7-6-10	Isaiah Herris	7/6/10	9:4

Sample 2emp = 300



Environmental Protection Agency Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone: (281)983-2100 Fax: (281)983-2248 Page 1 of 1 GF

CHAIN OF CUSTODY RECORD

R06_Deepwater_Grand_Isle

No: T0033-100403-07/05/10-0138

AirbillNo

Lab: U.S. EPA Region 6 Laboratory Lab Phone: 281-983-2137

Contact: Kristie Warr Phone: 713.985.6636

Special Instructions:

Lab#	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Preservative	MS/MSE
	T007-0005-100703-SW-1	DOSS	Surface Water	Grab	7/3/2010	09:30	6	4 C	Υ
	T007-0006-100703-SW-1	DOSS	Surface Water	Grab	7/3/2010	10:10	2	4 C	N
	T007-0007-100703-SW-1	DOSS	Surface Water	Grab	7/3/2010	10:45	2	4 C	N
	T007-0008-100702-SW-1	DOSS	Surface Water	Grab	7/2/2010	09:20	6	4 C	Υ
	T007-0008-100705-SW-1	DOSS	Surface Water	Grab	7/5/2010	12:40	2	4 C	N
	T007-1327-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	10:00	2	4 C	N
	T007-1328-100702-SW-1	DOSS	Surface Water	Grab	7/2/2010	10:40	2	4 C	N
	T007-1328-100705-SW-1	DOSS	Surface Water	Grab	7/5/2010	11:15	6	4 C	Y
	T007-1331-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	08:55	6	4 C	Υ
	T007-1332-100702-SW-1	DOSS	Surface Water	Grab	7/2/2010	10:00	2	4 C	N
	T007-1332-100705-SW-1	DOSS	Surface Water	Grab	7/5/2010	12:05	2	4 C	N
	T007-2336-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	09:30	2	4 C	N
	T007-BG01-100703-SW-1	DOSS	Surface Water	Grab	7/3/2010	15:15	2	4 C	N
	T007-BG02-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	13:20	2	4 C	N
	T007-BG03-100705-SW-1	DOSS	Surface Water	Grab	7/5/2010	08:50	2	4 C	N
	T007-BG03-100705-SW-2	DOSS	Surface Water	Grab	7/5/2010	08:50	2	4 C	N
	T007-BG06-100702-SW-1	DOSS	Surface Water	Grab	7/2/2010	15:40	2	4 C	N

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All	arv	7/9/0	1/2	2/4/10	18/20		Mout A-	7-6-10	Isaiah	7/6/10	9:40
]	Je John S.	71.1	Sull	7/5/	127-			7-45	Harris	1 /10	1 10

Sample Jenip = 10C

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #



Laboratory **Environmental Protection Agency** Region

10625 Fallstone Road, Houston, TX 77099 hone:(281)983-2100 Fax:(281)983-2248 Phone:(281)983-2100

Page 1 of 1 CHAIN OF CUSTODY RECORD No: T0033-100402-20100702-001 R06_DeepWater_Chalmette Confact Name: Kristie Warr Lab: U.S. EPA Region 6 Laboratory Contact Phone: 713-985-6636 Lab Phone: 281-983-2137 Lab # Sample # Analyses Collected Collection Sample Numb Cont Container Preservative Time T005-2339-100702-SW-1 7/2/2010 08:50 6 40 ml VOA Water Te65-2335-100702-94 DOSS SW boab 2 40-L VOA 4C

Special Instructions: MS/MSD collected on sample

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason

Sample Demp=10C



WINTED STATES

Environmental Protection Agency Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248 Page 1 of 1

No: T0033-100402-20100703-003	CHAIN OF CUSTODY RECORD	
AirbillNo:	R06_DeepWater_Chalmette	
Lab. U.S. EPA Region 6 Laboratory	Contact Name: Kristie Warr	
Lab Phone: 281-983-2137	Contact Phone: 713-985-6636	

Lab#	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	9
	T005-1336-100703-SW-1	DOSS	Surface Water	Grab	7/3/2010	08:45	2	40 ml VOA	4 C	/
	T005-2333-100703-SW-1	DOSS	Surface Water	Grab	7/3/2010	09:25	2	40 ml VOA	4 C	1
	T005-2333-100703-SW-2	DOSS	Surface Water	Grab	7/3/2010	09:25	2	40 ml VOA	4 C	1
	T005-2337-100703-SW-1	DOSS	Surface Water	Grab	7/3/2010	10:00	2	40 ml VOA	4 C	1

Special Instructions:

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Relinquished by Date Regeived by Date Time

Part of 7/5/1/5 Why 1/5/1/6 2220

Tolor File Winds House Property of the Part of t

Sample Temp=10C

* FAVIBONING PROTECTION A GENOVI

Environmental Protection Agency Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248 Page 1 of 1

No: T0033-100402-20100704-003	CHAIN OF CUSTODY RECORD
AirbillNo	R06_DeepWater_Chalmette
Lab: U.S. EPA Region 6 Laboratory	Contact Name: Kristie Warr
Lab Phone: 281-983-2137	Contact Phone: 713-985-6636

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservativ	e
	T005-1333-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	08:35	2	40 ml VOA	4 C	/
	T005-2327-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	10:00	2	40 ml VOA	4 G	\checkmark
	T005-2327-100704-SW-2	DOSS	Surface Water	Grab	7/4/2010	10:00	2	40 ml VOA	4 C	1
	T005-2331-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	09:20	2	40 ml VOA	4 C	1
	T005-2338-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	10:40	2	40 ml VOA	4 C	/

Special Instructions:

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason Relinquished by Date Received by Date Time Items/Reason

Boy2 CFP 7/5/NO AM 1/3/NO 1/8/10 ZZZZO

16/10 CAN 1/8/10

Sample Dery = 10C

WINDENNY WATER

Environmental Protection Agency Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248 Page 1 of 1

CHAIN OF CUSTODY RECORD

R06_DeepWater_Chalmette Contact Name: Kristie Warr Contact Phone: 713-985-6636

No: T0033-100402-20100705-003

AirbillNo: Lab: U.S. EPA Region 6 Laboratory Lab Phone: 281-983-2137

	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservativ e	MS/MS D	ř
	T005-2335-100705-SW-1	DOSS	Surface Water	Grab	7/5/2010	10:20	6	40 ml VOA	4 C	Y	,
	T005-2339-100705-SW-1	DOSS	Surface Water	Grab	7/5/2010	10:50	2	40 ml VOA	4 C	N	
								RANSFERRED	FROM		
	Instructions:					9	CHAIN OF C	USTODY #			
pecial											
	s/Reason Relinquished by	Date Received by	Date	Time Ite	ms/Reason	Relinquished E	By Date	Receive	d by Dat	e Tim	10
		Date Received by			ms/Reason	Relinquished &		100000000000000000000000000000000000000		1	
		Date Received by 1/5/16 04	7/ 5/39 16	·g)	ms/Reason	Relinquished &	7-6-10 7-4-5			1	
		Date Received by	7/5/10 2	220	ms/Reason	Relinquished &		100000000000000000000000000000000000000		1	
		Date Received by \$15/16 1100 1100 1100 1100 1100 1100 1100 1	7/5/10 2	·g)	ms/Reason	Relinquished B		100000000000000000000000000000000000000		1	

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Notes and Definitions

Α This sample was extracted at a single acid pH.

HTS Sample was prepared and/or analyzed past recommended holding time. Concentrations should be

considered minimum values.

AES Atomic Emission Spectrometer

CVAA Cold Vapor Atomic Absorption

ECD Electron Capture Detector

GC Gas Chromatograph

GFAA Graphite Furnace Atomic Absorption

ICP Inductively Coupled Plasma

MS Mass Spectrometer

NA Not Applicable

NPD Nitrogen Phosphorous Detector

NR Not Reported

TCLP Toxicity Characteristic Leaching Procedure

Undetected U

Out of QC limits

Initial pressure in air analyses is the pressure at which the canister was received in psia (pounds per square inch absolute pressure).

The pH reported for Volatile liquid samples was tested using a 0-14 pH indicator strip for the purpose of verifying chemical preservation.

The statistical software used for the reporting of toxicity data is ToxCalc 5.0.32, Environmental Toxicity Data Analysis System 1994-2007 Tidepool Scientific Software.

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